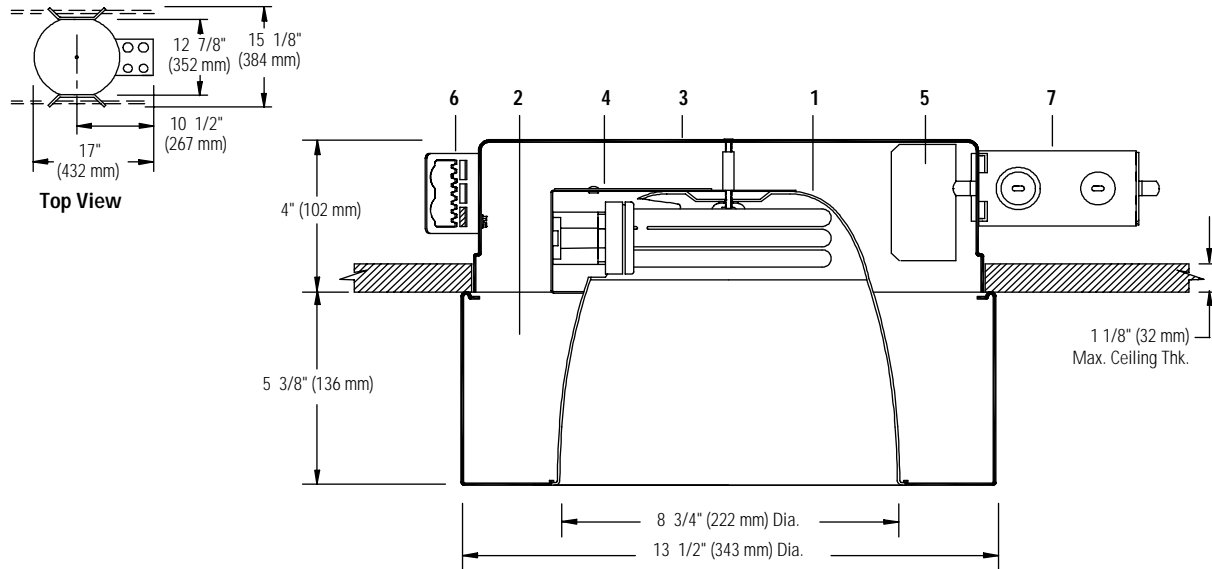


Calculite® Compact Fluorescent Downlight 8038/SR8242

Page 1 of 2

8 3/4" Aperture Semi-Recessed Open Reflector (55° Cutoff) (2) Lt. Triple Tube



Ceiling Cutout: 13" (330 mm) Dia.

Reflector Trim		Frame-In Kit		Lamps
8038CL	Specular Clear	SR8242U	Electronic	2-26/32/42W Triple Tube 4-Pin
8038CCL	Comfort Clear™	SR8242JUM7	Advance Mark VII® Dimming	
8038CCD	Comfort Clear Diffuse™			
8038WH	White			

Features

- Reflector:** Alzak® aluminum, 16 ga.; 50° visual cutoff to lamp and lamp image. Iridescence Free™ finish eliminates rainbowing without degrading optical performance. Minimum flange. Aperture appearance matches recessed unit (see Specification Sheet No. 8038).
- Housing Cylinder:** 16 ga., seamless aluminum with returned edge precisely seats flush with reflector without exposed edge. Painted white finish.
- Recessed Housing:** Hydroformed heavy aluminum, 14 ga. Accepts other 8 3/4" triple tube reflector trims.
- Socket Support:** Die-formed steel with venting to dissipate heat and assures lamps maintain proper optical alignment to reflector. Can be rotated with reflector/louwer for horizontal alignment. Pre-wired with No. 18 ga. AWM leads.
- Ballast:** Universal 120-277V, electronic, short circuit and end-of-lamp life protection, THD<10%, Class P, high power factor, No PCBs, FCC approved, quiet operation. 100%-5% dimming range for Advance Mark VII®. For additional information, see **Ballast** and **Dim-Advance** Specification Sheets.
- Mounting Brackets:** 16 ga. steel. Adjust from inside of fixture. Use 3/4" or 1 1/2" lathing channel, 1/2" EMT, or optional mounting bars.
- Junction Box:** 16 ga. steel, 4" x 4" x 2" box allows inspection from below.

Options and Accessories

Other Dimming Ballasts Mounting Bars

T-Bars Anchor Clips

Wood Joist Telescoping Bars

Chicago Plenum

Fuse (Slow Blow)

Consult Factory

1950 - 18" set of (2)

1951 - 27" set of (2)

1956 - set of (4) for use w/ above

7994 - set of (2)

Consult Factory

Add Suffix **F** to Frame-In Kit

Electrical

UL listed for through branch circuit wiring with max. of (8) No. 12 AWG, 90°C supply conductors.

Dimming Control

Use with dimmers specially designed for use with dimming ballast. For additional information, see Lightolier Controls Catalog, or call Lightolier Controls at 800-526-2731, or visit website at www.lolcontrols.com.

Labels

UL listed for damp locations, I.B.E.W.

Alzak® is a registered trademark of ALCOA.

Mark VII® is a registered trademark of Advance Transformer Company.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte Thomas Company

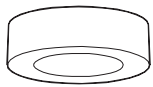
www.lightolier.com

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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LIGHTOLIER®



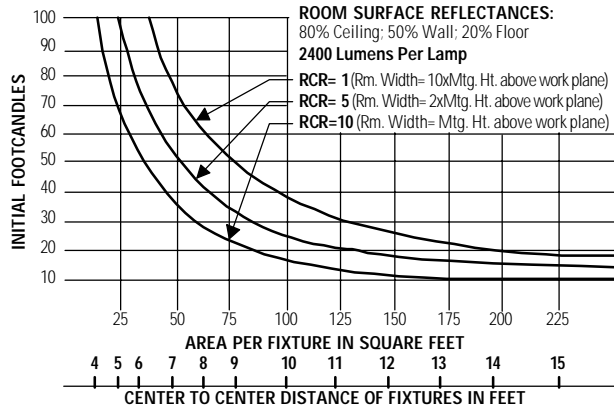
Calculite® Compact Fluorescent Downlight 8038/SR8242

Page 2 of 2

8 3/4" Aperture Semi-Recessed Open Reflector (55° Cutoff) (2) Lt. Triple Tube

32W

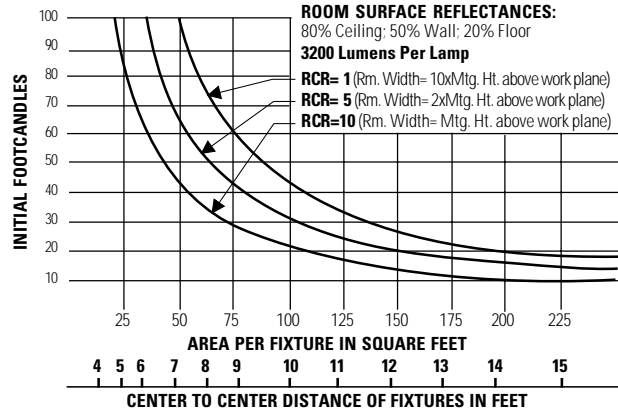
Quick Calculator



This quick calculator chart determines the number and spacing of 2 Lt. - 32 W PL-T units with clear reflector: for any level of illumination.

42W

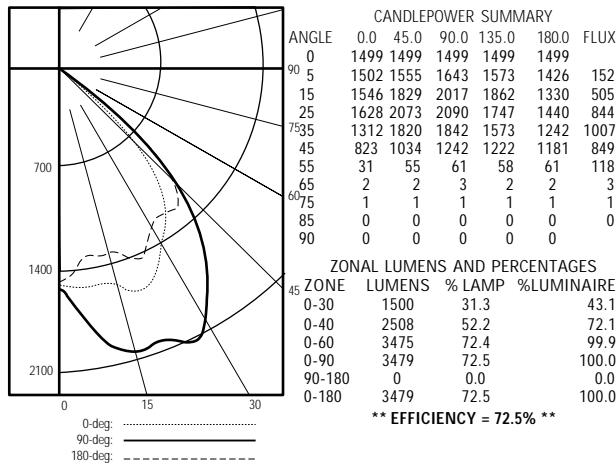
Quick Calculator



This quick calculator chart determines the number and spacing of 2 Lt. - 42 Watt PL-T units with clear reflector: for any level of illumination.

Spacing Ratio: Along=1.4 Across=1.6

CERTIFIED TEST REPORT NO. ITL44462
INDEPENDENT TESTING LABORATORIES, INC.
RECESSED CALCULITE DOWNLIGHT
8-11/16" APERTURE SPECULAR CLEAR REFLECTOR
TWO PHILIPS 32-WATT 32W/35/4P TRIPLE U-TUBE. COMPACT FLUORESCENTS.
HORIZONTAL POSITION. LUMEN RATING =2400 LMS



DATE: Dec 4, 1995

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

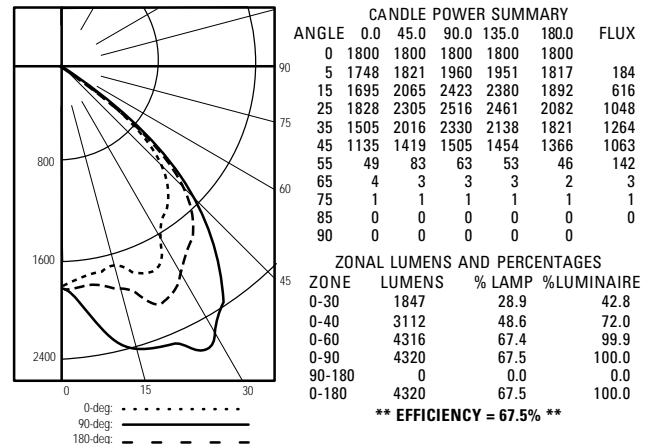
Coefficients of Utilization

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE											
	80			70			50			30		
	50	30	10	50	30	10	50	30	10	50	30	10
1	.79	.77	.75	.78	.76	.74	.75	.73	.72	.72	.71	.70
2	.72	.69	.66	.71	.68	.65	.69	.66	.64	.66	.64	.62
3	.66	.62	.58	.65	.61	.58	.63	.59	.57	.61	.58	.56
4	.60	.55	.52	.59	.55	.51	.58	.54	.51	.56	.53	.50
5	.55	.50	.46	.54	.49	.46	.53	.49	.45	.51	.48	.45
6	.50	.45	.41	.50	.45	.41	.48	.44	.41	.47	.43	.40
7	.46	.41	.37	.46	.41	.37	.45	.40	.37	.44	.40	.37
8	.42	.37	.34	.42	.37	.34	.41	.37	.33	.40	.36	.33
9	.39	.34	.31	.39	.34	.31	.38	.34	.30	.37	.33	.30
10	.36	.31	.28	.36	.31	.28	.35	.31	.28	.34	.30	.26

20% FLOOR CAVITY REFLECTANCE

Spacing Ratio: Along=1.4 Across=1.7

CERTIFIED TEST REPORT NO. ITL44463
INDEPENDENT TESTING LABORATORIES, INC.
RECESSED CALCULITE DOWNLIGHT 8038CLIF/8242HE120
8" APERTURE SPECULAR CLEAR REFLECTOR
TWO PHILIPS 42-WATT PL-T 42W/4P TRIPLE U-TUBE. COMPACT FLUORESCENTS.
HORIZONTAL POSITION. LUMEN RATING =3200 LMS



DATE: Jan 3, 1996
PREPARED FOR:
LIGHTOLIER, Fall River, MA

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

Coefficients of Utilization

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE											
	80			70			50			30		
	50	30	10	50	30	10	50	30	10	50	30	10
1	.74	.72	.70	.72	.70	.69	.69	.68	.67	.67	.66	.65
2	.67	.64	.61	.66	.63	.61	.64	.61	.59	.62	.60	.58
3	.61	.57	.54	.60	.57	.54	.58	.55	.53	.57	.54	.52
4	.56	.51	.48	.55	.51	.48	.54	.50	.47	.52	.49	.46
5	.51	.46	.43	.50	.46	.43	.49	.45	.42	.48	.44	.42
6	.47	.42	.38	.46	.42	.38	.45	.41	.38	.44	.40	.37
7	.43	.41	.37	.46	.41	.37	.45	.40	.37	.44	.40	.37
8	.39	.35	.31	.39	.34	.31	.38	.34	.31	.37	.33	.31
9	.36	.32	.28	.36	.31	.28	.35	.31	.28	.35	.31	.28
10	.34	.29	.26	.33	.29	.26	.33	.29	.26	.32	.28	.26

20% FLOOR CAVITY REFLECTANCE

Job Information

Type:

Lightolier a Genlyte Thomas Company
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